

## **DETAILED ACTION**

### ***Request for Continued Examination***

1. The request filed on May 3, 2010 for a Request for Continued Examination (RCE) under 37 CFR 1.53(d) based on parent Application No. 10/559965 is acceptable and a RCE has been established. An action on the RCE follows.
2. In view of the amendment filed March 26, 2010 and May 3, 2010, claims 10, 11, 33, 39-41 have been cancelled, and new claim 42 has been added. Claims 1-9, 12-32, 34-38, 42 are pending.
3. In view of the amendment filed March 26, 2010 and May 3, 2010, the rejection of claims 1-9, 12-32, 34-38 under 35 U.S.C. 103(a) as being unpatentable over Harlin et al. (US 6,469,110) in view of Mutsers et al. (WO 02/41986 A1), is withdrawn. The combined teachings of Harlin et al. and Mutsers et al. would not result the inventions being claimed which involve a moving bed which is installed inside the fluidized reactor being claimed. The claimed "moving bed" is adequately described in figure 2 of the specification.

### **EXAMINER'S AMENDMENT**

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

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Authorization for this examiner's amendment was given in a telephone interview with attorney Ann M. Cannoni (Registration No. 35,972) on June 8, 2010.

5. Cancel claims 27 and 42.
6. Claim 23 (line 12), replace "means" with "valve".

### ***Allowances***

7. Claims 1-9, 12-26, 28-32, 34-38 are allowed.
8. The following is an examiner's statement of reasons for allowance:

As of the date of this office action, the examiner has not located or identified any reference that can be used singularly or in combination with another reference including the closest prior art of Harlin et al. (US 6,469,110) and Mutsers et al. (WO 02/41986 A1) to render the present invention anticipated or obvious to one of ordinary skill in the art.

In light of the above discussion, it is evident as to why the present claims are patentable over the prior art.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, and to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to WILLIAM K. CHEUNG whose telephone number is

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(571)272-1097. The examiner can normally be reached on Monday-Friday 9:00AM to 2:00PM; 4:00PM to 8:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David WU can be reached on (571) 272-1114. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William K Cheung/  
Primary Examiner, Art Unit 1796

William K. Cheung, Ph. D.  
Primary Examiner  
June 8, 2010